

High School to College and Career Pathway: Post-Secondary

Area of Study: Skilled & Technical Sciences Education Pathway: Drafting/CAD

Region: Wasatch Front North Region	District: Davis, Morgan, Ogden, Weber	School:	College/Institution: Articulation Agreement in place? Yes X Name of Degree or Certificate: AAS Degree in Design Graphics Engineering Technology
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High School				College		
Course Number	High School Suggested Academic Courses	H.S. Credit	College Credits	Course Number	College General Education Requirements	College Credits
	CE English*	1	3 →	ENGL 1010	Intro to Writing (3)	3
				ENGL 2010	Intermediate Writing (3)	3
	CE Communication*	1	3 →	COMM HU 2110	Intro to Interpersonal & Small Group Communication (3)	3
				MATH QL1080 OR MATH QL1050 AND MATH 1060	Pre-Calculus (5) College Algebra (4) Trigonometry (3)	4
				PHYS PS/SI2010	College Physics I/L (5)	5
52.0417 52.0419 52.0471	Computer Technology* Electronic Spreadsheets & Databases* Word Processing*	1 1 1	3 →	TBE 1700	Introduction to Microcomputer Applications, (3) (partially fill requirement) OR 1701 Intro to Word Processing (1) 1702 Intro to Microcomp., E-Mail, OS, & Graphic Presentations (1) 1703 Intro to Spreadsheets (1) OR University Computer Literacy Exams (TBE: TA1501, TB1502 & TC1503)	3
				CA 1050	Studio Art for Non-Majors (3)	3
				Gen Ed	SS Elective (3)	3

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High School				College		
Course CIP #	CTE Pathway Courses (3:00 credits for completion)	H.S. Credit	College Credits	Course #	College Major Course Requirements	College Credits
					Design Graphics Engineering Technology Courses Required	
	Foundation Courses: (2:00 credits required)					
15.1301	Drafting & Design Technology *	.50	3 →	DGET 1050	Basic Drafting	3
15.1302	Architectural Drafting	1.00				
15.1302	Drafting/CAD *	.50	3 →	DGET 1250	Computer Aided Drafting	3
15.1306	Mechanical Drafting	1.00				
	Elective Courses: (1:00 credit required)					
46.0201	Carpentry	1.00				
48.0503	Machine Tool *	1.00	3 →	MFET 1210/L	Machining Principles	3
48.0701	Woodworking	.50				
32.0199	Student Internship (Critical Workplace Skills)	.50				
	Additional Articulated Classes					
15.1303	Architectural Drafting *	.50	3 →	DGET 1150	Blueprint Reading	3
15.1302	CAD Drafting Technology *	.50	3 →	DGET 1260	3D Computer Aided Drafting	3
15.1303	Architectural Drafting *	.50	3 →	DGET 1350	Basic Architectural Drafting	3
				DGET 2350	Advanced Architectural Drafting	4
				DGET 2440	Descriptive Geometry	2
				DGET 2450	Geometric Dimensioning & Tolerancing	2
15.1306	Mechanical Drafting *	.50	4 →	DGET 2650	Adv. Mechanical Drafting & Design	4
				DGET 2660	Structural Detailing	3
				DGET 2899	Associate Degree Assessment	0
				MFET 2360	Manufacturing Processes and Materials	3
				MFET 2410	Quality Assurance and Improvement	3
TOTAL Potential Credits Earned in High School			31	TOTAL Credits Required for Degree or Certificate		66

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